L4 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

AB A method of treating a p-38 mediated disease other than cancer comprises administration of BNHCONHA [A = (substituted) Ph, pyridyl, 2-thienyl; B = (substituted) aryl, heteroaryl containing ≥1 6-membered aromatic structure containing 0-4 N, O, or S atoms]. Thus, 5-tert-butyl-2-(3-tetrahydrofuranyloxy)aniline (preparation given) and p-tolyl isocyanate were stirred 8 h in PhMe to give 75% N-(5-tert-butyl-2-(3-tetrahydrofuranyloxy)phenyl)-N'-(4-methylphenyl)urea. Title compds. inhibited p38 kinase with IC50 = 1-10 μM.

AN 1999:421667 CAPLUS

DN 131:58659

TI Preparation of diaryl ureas as inhibitors of p38 kinase.

IN Miller, Scott; Osterhout, Martin; Dumas, Jacques; Khire, Uday; Lowinger, Timothy Bruno; Riedl, Bernd; Scott, William J.; Smith, Roger A.; Wood, Jill E.; Gunn, David; Hatoum-Mokdad, Holia; Rodriguez, Mareli; Sibley, Robert; Wang, Ming

PA Bayer Corporation, USA

SO PCT Int. Appl., 107 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

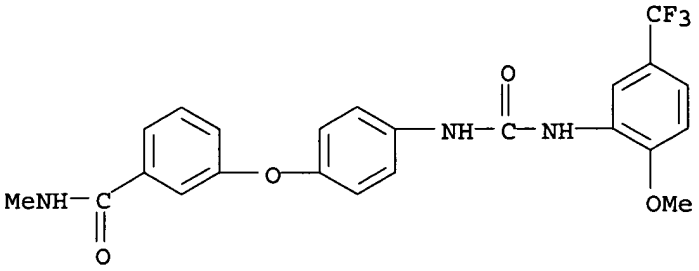
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9932463	A1	19990701	WO 1998-US27265	19981222 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2315715	AA	19990701	CA 1998-2315715	19981222 <--
AU 9919399	A1	19990712	AU 1999-19399	19981222 <--
EP 1042305	A1	20001011	EP 1998-964221	19981222 <--
EP 1042305	B1	20050608		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001526276	T2	20011218	JP 2000-525400	19981222
AT 297383	E	20050615	AT 1998-964221	19981222
ES 2154252	T3	20051201	ES 1998-964221	19981222
HK 1032050	A1	20051118	HK 2001-102468	20010407
PRAI US 1997-995749	A	19971222		
WO 1998-US27265	W	19981222		

OS MARPAT 131:58659

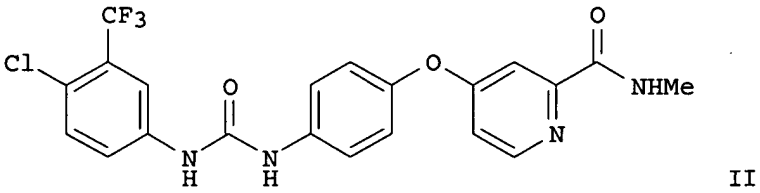
IT **228418-48-2**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(preparation of diaryl ureas as inhibitors of p38 kinase)

RN 228418-48-2 CAPLUS

CN Benzamide, 3-[4-[[[[2-methoxy-5-(trifluoromethyl)phenyl]amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT



II

AB The title compds. ADB [I; D = NHCONH; A = substituted moiety of up to 40 carbon atoms of the formula L(ML1)q (wherein L = 5-6 membered cyclic structure; L1 = substituted cyclic moiety having at least 5 members; M = bridging group having al least one atom; q = 1-3; each of L and L1 contains 0-4 members of the group consisting of N, O and S); B = (un)substituted up to tricyclic aryl or heteroaryl moiety of up to 30 carbon atoms with at least one 6-member cyclic structure bound directly to D containing 0-4 members of the group consisting of N, O and S], useful in treating p38 mediated diseases, were prepared E.g., a multi-step synthesis of the urea II which showed IC50 of 1-10 μM against p38, was given. Compds. I are effective at 0.01-200 mg/kg/day (oral administration).

AN 2000:493376 CAPLUS

DN 133:120155

TI Preparation of ω-carboxy aryl substituted diphenyl ureas as p38 kinase inhibitors

IN Riedl, Bernd; Dumas, Jacques; Khire, Uday; Lowinger, Timothy B.; Scott, William J.; Smith, Roger A.; Wood, Jill E.; Monahan, Mary-Katherine; Natero, Reina; Renick, Joel; Sibley, Robert N.

PA Bayer Corporation, USA

SO PCT Int. Appl., 148 pp.
CODEN: PIXXD2

DT Patent

LA English

102(a)

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000041698	A1	20000720	WO 2000-US768	20000113 <--
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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	EP 1158985	A1	20011205	EP 2000-905597	20000113
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	US 2003139605	A1	20030724	US 2002-71248	20020211
	US 2003105091	A1	20030605	US 2002-86417	20020304
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	US 1999-257265	A2	19990225		
	US 1999-425229	A2	19991022		
	US 1999-115877P	P	19990113		
	US 1999-257266	B2	19990225		

2002-71248
2002-86417

102(e)

	US 2001011135	A1	20010802	US 2001-773659	20010202
	US 2001011136	A1	20010802	US 2001-773675	20010202
	US 2001016659	A1	20010823	US 2001-773672	20010202
	US 2001027202	A1	20011004	US 2001-773658	20010202
	US 2001034447	A1	20011025	US 2001-773604	20010202
	NO 2001003463	A	20010912	NO 2001-3463	20010712
	ZA 2001005751	A	20030714	ZA 2001-5751	20010712
	US 2002137774	A1	20020926	US 2001-907970	20010719
	BG 105763	A	20020329	BG 2001-105763	20010801
	HR 2001000580	A1	20020831	HR 2001-580	20010802
	US 2002042517	A1	20020411	US 2001-948915	20010910
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	US 1999-425228	A2	19991022		
	US 1999-115878P	P	19990113		
	WO 2000-US648	W	20000112		
	US 2001-948915	A1	20010910		

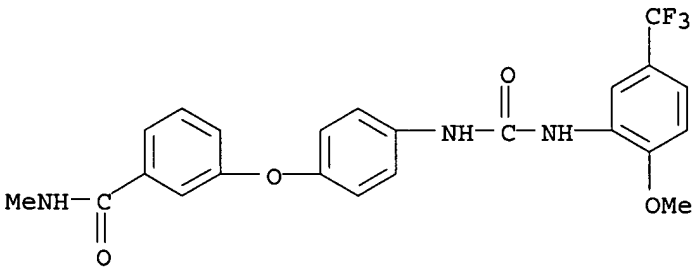
OS MARPAT 133:120157

IT **228418-48-2P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of ω-carboxy(hetero)aryl substituted di-Ph urea raf kinase inhibitors by reacting arylisocyanates with arylamines)

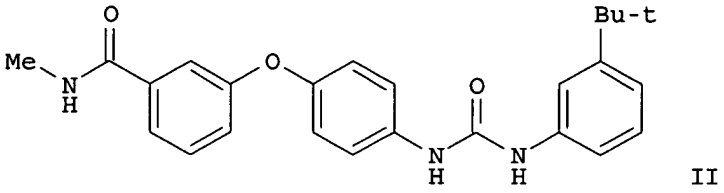
RN 228418-48-2 CAPLUS

CN Benzamide, 3-[4-[[[[2-methoxy-5-(trifluoromethyl)phenyl]amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
GI



II

AB This invention relates to the preparation and use of (hetero)aryl ureas ANHCONHB [I; A = L(ML1)q; L = 5- or 6-membered (hetero)aryl, especially Ph or pyridinyl; M = bridging group; L1 = (hetero)aryl with at least one (un)substituted sulfamoyl, carboxy, or carbamoyl substituent; q = 1-3; B = certain (un)substituted mono- to tricyclic aryl or heteroaryl groups] for the treatment of raf mediated diseases, such as cancer (no data). Approx. 100 invention compds. and numerous intermediates were prepared For instance, 3-tert-butylaniline was coupled with bis(trichloromethyl)carbonate to form the isocyanate, followed by addition of 4-(3-N-methylcarbamoylphenoxy)aniline (preparation given) to afford the urea II.

AN 2000:493516 CAPLUS
DN 133:120157
TI Preparation of ω-carboxy(hetero)aryl substituted diphenyl ureas as raf kinase inhibitors
IN Riedl, Bernd; Dumas, Jacques; Khire, Uday; Lowinger, Timothy B.; Scott, William J.; Smith, Roger A.; Wood, Jill E.; Monahan, Mary-Katherine; Natero, Reina; Renick, Joel; Sibley, Robert N.
PA Bayer Corporation, USA
SO PCT Int. Appl., 120 pp.
CODEN: PIXXD2
DT Patent
LA English
102(a)
FAN.CNT 5

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000042012	A1	20000720	WO 2000-US648	20000112 <--
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AU 2000025016	A5	20000801	AU 2000-25016	20000112 <--
EP 1140840	A1	20011010	EP 2000-903239	20000112
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EE 200100368	A	20030415	EE 2001-368	20000112
JP 2003526613	T2	20030909	JP 2000-593580	20000112
BR 2000007487	A	20030923	BR 2000-7487	20000112

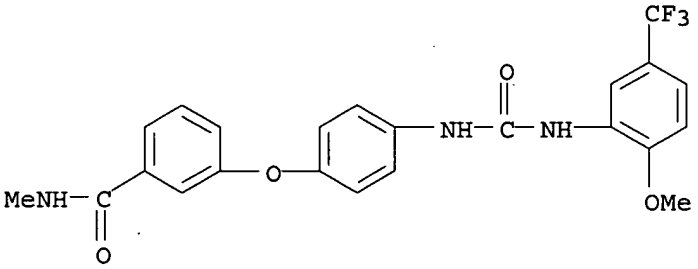
US 1999-425228 B1 19991022
WO 2000-US768 W 20000113
US 2001-948915 A1 20010910

OS MARPAT 133:120155

IT **228418-48-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of ω-carboxy aryl substituted di-Ph ureas as p38 kinase inhibitors)

RN 228418-48-2 CAPLUS

CN Benzamide, 3-[4-[[[[2-methoxy-5-(trifluoromethyl)phenyl]amino]carbonyl]amino]phenoxy]-N-methyl- (9CI) (CA INDEX NAME)



L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:823661 CAPLUS
DOCUMENT NUMBER: 143:229726
TITLE: Preparation of 1,3-diarylureas as inhibitors of raf and other kinases useful against cancer and other diseases
INVENTOR(S): Buchstaller, Hans-Peter; Burgdorf, Lars; Stieber, Frank; Amendt, Christiane; Grell, Matthias; Sirrenberg, Christian; Zenke, Frank
PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
SOURCE: PCT Int. Appl., 264 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005075425	A2	20050818	WO 2005-EP387	20050117

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PRIORITY APPLN. INFO.: EP 2004-2092 A 20040130
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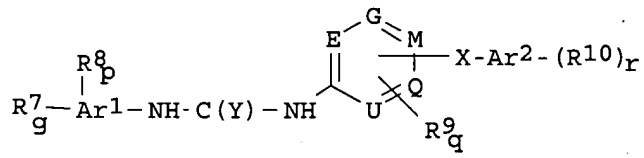

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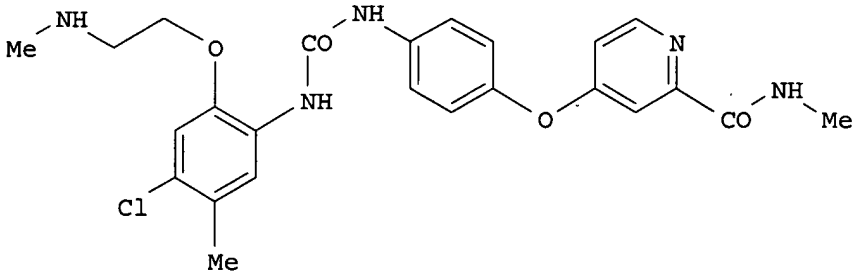

I

ABSTRACT:
The present invention relates to bisarylurea derivs. (shown as I; variables defined below; e.g. 4-[4-[3-[4-chloro-5-methyl-2-(2-methylaminoethoxy)phenyl]ureido]phenoxy]pyridine-2-carboxylic acid methylamide

(shown as II)), their use as inhibitors of raf-kinase (no data) and for the manufacture of a pharmaceutical composition and a method of treatment, comprising administering said pharmaceutical composition to a patient. Methods of preparation are
claimed and >100 example prepns. are included. For example, 1-[2-[2-[(tert-butoxycarbonyl)(methyl)amino]ethoxy]-5-(trifluoromethyl)phenyl]-3-[4-[[2-(methylcarbamoyl)pyridin-4-yl]oxy]phenyl]urea was prepared (87 %) by reacting tert-Bu [2-[2-amino-4-(trifluoromethyl)phenoxy]ethyl](methyl)carbamate (preparation given) with p-nitrophenyl chloroformate followed by N-methyl-4-(4-aminophenoxy)pyridine-2-carboxamide (preparation given) and DIPEA; deprotection gave 86 % 1-[2-[2-(methylamino)ethoxy]-5-(trifluoromethyl)phenyl]-3-[4-[[2-(methylcarbamoyl)pyridin-4-yl]oxy]phenyl]urea. For I: Ar1, Ar2 = aromatic hydrocarbons containing 6 to 14 C atoms and ethylenic unsatd. or aromatic heterocyclic residues containing 3 to 10 C atoms and one or two heteroatoms, = N, O and S; E, G, M, Q and U = C and N atoms, with the proviso that ≥1 of E, G, M, Q and U are C atoms and that X is bonded to a C atom. R7 = Het, OHet, N(R11)Het, (CR5R6)kHet, et al. or R7 = -SO2-CR8:CR8-, wherein both valencies are bound vicinally to Ar1; R8, R9 and R10 = H, A, cycloalkyl comprising 3 to 7 C atoms, Hal, et al.; Y = O, S, NR21, C(R22)-NO2, C(R22)-CN and C(CN)2; g = 1-3, preferably 1 or 2, p, r = 0-5; q = 0-4, preferably 0, 1 or 2; addnl. details are given in the claims.

1/17/06

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NEWS	8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS	9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	11	JAN 17	Pre-1988 INPI data added to MARPAT

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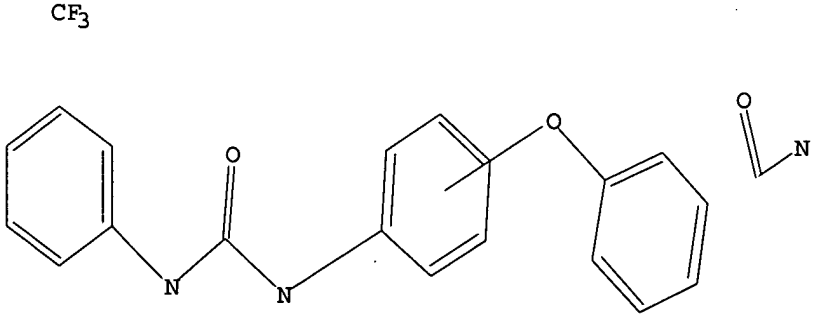

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PROJECTED ANSWERS:               4 TO      200

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FULL ESTIMATED COST                                 166.94     169.46

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FILE LAST UPDATED: 16 Jan 2006  (20060116/ED)

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L4           24 L3
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1/17/06

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L5   ANSWER 1 OF 7  CAPLUS  COPYRIGHT 2006 ACS on STN
GI
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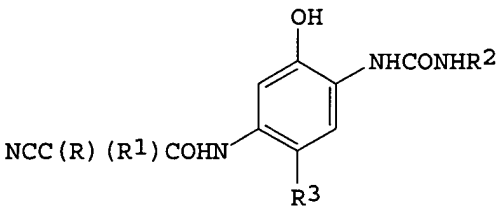


I

AB The title photog. material having ≥1 Ag halide emulsion layer on a support contains ≥1 cyan coupler I (R, R1 = H, aryl, aralkyl, alkenyl, cycloalkyl; R2 = aryl; R3 = H, leaving group in coupling with the oxidized developing agent). A monocolor film containing cyan coupler I (R = R1 = C18H37, R2 = 4-NCPh, R3 = H) in an emulsion layer showed high spectral absorption of cyan dye and good developability.

AN 1992:72187 CAPLUS
DN 116:72187

TI Silver halide color photographic material containing ureidophenol cyan coupler

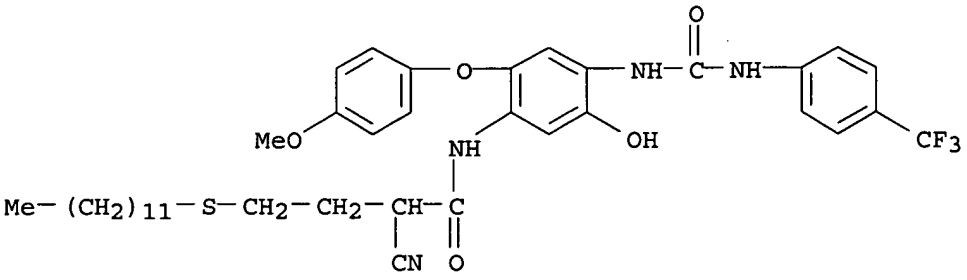
IN Tsukahara, Jiro; Yamazaki, Shigeru
PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 28 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

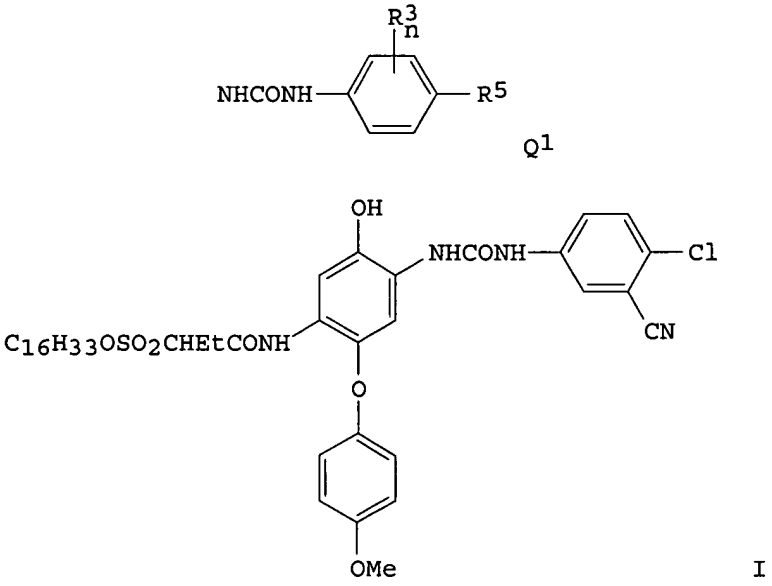
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03220554	A2	19910927	JP 1990-15791	19900125 <--
			JP 1990-15791	19900125

IT **138763-48-1**
RL: TEM (Technical or engineered material use); USES (Uses)
(cyan photog. coupler, for good developability)

RN 138763-48-1 CAPLUS
CN Butanamide, 2-cyano-4-(dodecylthio)-N-[5-hydroxy-2-(4-methoxyphenoxy)-4-[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
GI



AB The title material contains a phenol cyan coupler, which is 2-substituted with a ureido group Q1 and 5-substituted with R1Q2SO2R2CONH [Q2 = NR4, O; R1 = (cyclo)alkyl, aryl, heterocycle; R2 = alkylene; R3 = H, substituent; n = 1-4; R4 = H, alkyl, aryl, heterocycle; R5 = H, substituent except CN]. Thus, a solution of the title cyan coupler I in di-Bu phthalate and EtOAc containing alkyl naphthalenesulfonate and gelatin was mixed with a red-sensitive AgBr emulsion then coated onto a polyester support to give a photog. film, which gave fog-free printed image with coloring property.

AN 1991:618758 CAPLUS

DN 115:218758

TI Silver halide color photographic emulsion material containing ureido-substituted phenol cyan coupler

IN Nakayama, Noritaka; Masukawa, Toyoaki

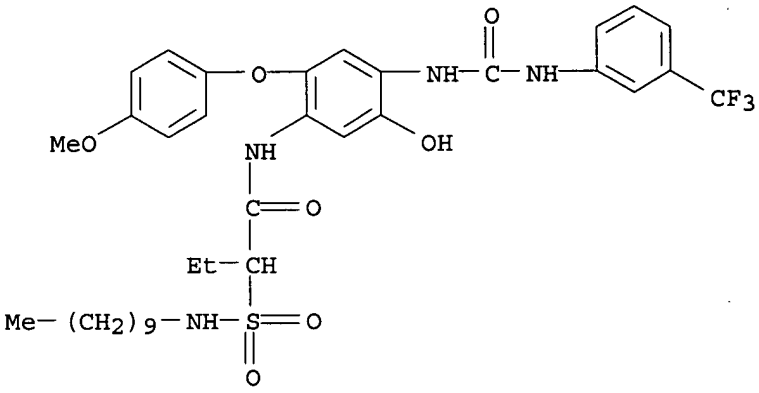
PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03080244	A2	19910405	JP 1989-219170	19890824 <--
			JP 1989-219170	19890824

IT **136925-86-5**
RL: USES (Uses)
(cyan coupler, for silver halide photog. emulsion, prevention of fog in)
RN 136925-86-5 CAPLUS
CN Butanamide, 2-[(decylamino)sulfonyl]-N-[5-hydroxy-2-(4-methoxyphenoxy)-4-[[[[3-(trifluoromethyl)phenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
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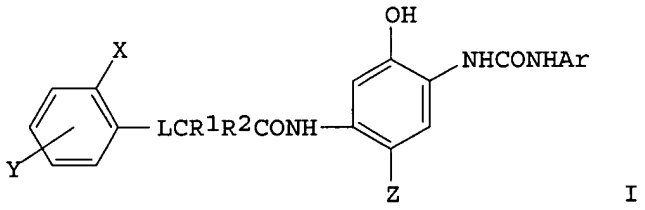

I

AB In the title material, ≥1 of the emulsion layers contains ≥1 cyan dye-forming coupler of the structure I [R1 = C1-24 alkyl, C7-24 aralkyl, a 3-12-membered cycloalkyl; R2 = H, C1-16 alkyl; L = O, S, sulfonyl; X = H, C1-24 alkyl, C6-24 aryl, 3-12-membered cycloalkyl, 4-7-membered heterocyclyl consisting of C, N, O, and/or S, halogen, NO2, CN, COR3, CO2R3, CONR3R4, OR3, SR3, OSO2R3, SO2R3, NR4SO2R3, SO2NR3R4, NR4COR3; Y = benzonesulfonamido, N-phenylsulfamoyl; Z = H, a group to be released upon a coupling reaction with an aromatic primary amine developer; Ar = C6-24 aryl; R3 = C1-24 alkyl, C6-24 aryl; R4 = H, R3; Ar ≠

p-cyanophenyl; when X = H, substituent of Y ≠ sulfamoyl, sulfamoylamino].

AN 1990:601203 CAPLUS
DN 113:201203
TI Color photographic material
IN Kobayashi, Hidetoshi; Tamoto, Koji; Yamakawa, Kazuyoshi; Nakajo, Kiyoshi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 42 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 02018552	A2	19900122	JP 1988-168287	19880706 <--
			JP 1988-168287	19880706

IT **129367-27-7**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. cyan coupler)
RN 129367-27-7 CAPLUS
CN Dodecanamide, 2-[2-cyano-5-[[(4-hydroxyphenyl)sulfonyl]amino]phenoxy]-N-[5-hydroxy-2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-4-[[[[4-[(trifluoromethyl)sulfonyl]phenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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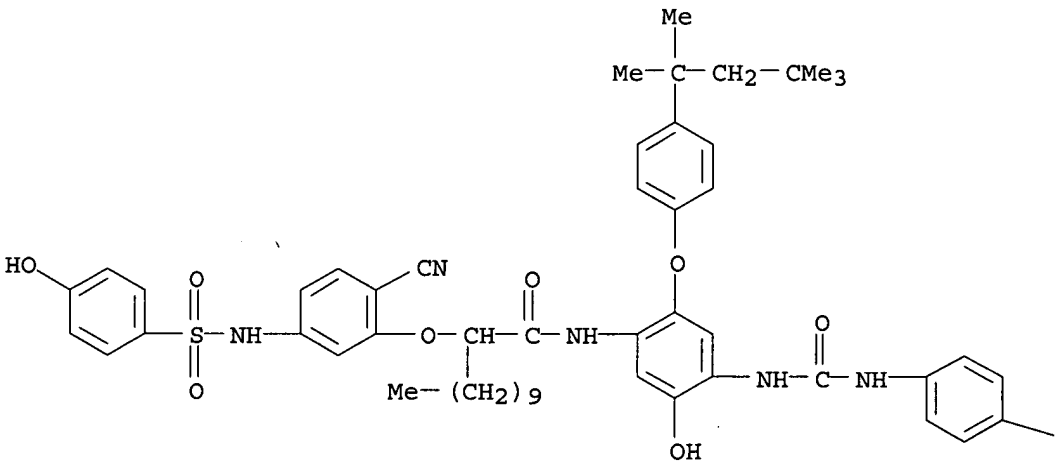

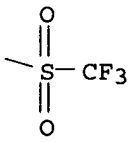

L5 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
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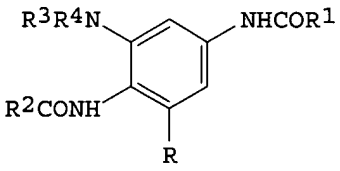


I

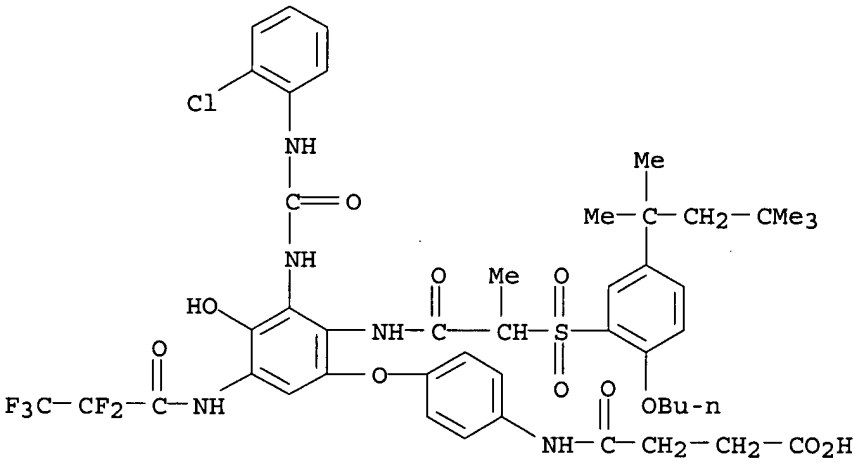
AB A Ag halide color photog. material which provides dye images of improved storage stability comprises ≥1 Ag halide photog. emulsion layer containing ≥1 cyan coupler represented by the formula I [R = H or a group capable of being eliminated through a reaction with the oxidized product of a color photog. developing agent; R1, R2 = alkyl, aryl, dialkyla,ino, anilino, alkoxy, aryloxy, or heterocyclyl; R3 = H or alkyl; R4 = H, alkyl, aryl, R5CO, or R5SO2, provided that R3 ≠ R4 = H; R5 = H, alkyl, aryl, dialkylamino, anilino, alkoxy, or aryloxy]. The cyan coupler is incorporated into the Ag halide emulsions by 1st dissolving in a high-boiling organic solvent having a b.p. ≥150° and/or a low-boiling organic solvent having a B.P. of 30-150° and then dispersing in a hydrophilic colloid. The photog. emulsion layers with improved rapid processability contain Ag halide grains comprising AgCl ≥90, AgBr ≤5, and AgI ≤0.5 mol%.

AN 1989:543941 CAPLUS
DN 111:143941
TI Silver halide color photographic material containing novel cyan coupler
IN Masukawa, Toyoaki; Ninomiya, Hidetaka; Iizuka, Hiroyuki
PA Konica Co., Japan
SO Eur. Pat. Appl., 55 pp.
CODEN: EPXXDW

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 296780	A2	19881228	EP 1988-305607	19880620 <--
	EP 296780	A3	19891025		
	R: DE, GB, IT, NL				
				JP 1987-160324 A	19870626
	JP 01077059	A2	19890323	JP 1988-147625	19880614 <--
				JP 1987-160324 A1	19870626
	US 4840883	A	19890620	US 1988-206580	19880614 <--
				JP 1987-160324 A	19870626

OS CASREACT 111:143941
IT **122735-51-7**
RL: TEM (Technical or engineered material use); USES (Uses)
(cyan photog. coupler, color photog. emulsion containing, for forming dye images with improved stability)
RN 122735-51-7 CAPLUS
CN Butanoic acid, 4-[[4-[2-[[2-[[2-butoxy-5-(1,1,3,3-tetramethylbutyl)phenyl]sulfonyl]-1-oxopropyl]amino]-3-[[[(2-chlorophenyl)amino]carbonyl]amino]-4-hydroxy-5-[(2,2,3,3,3-pentafluoro-1-oxopropyl)amino]phenoxy]phenyl]amino]-4-oxo- (9CI) (CA INDEX NAME)



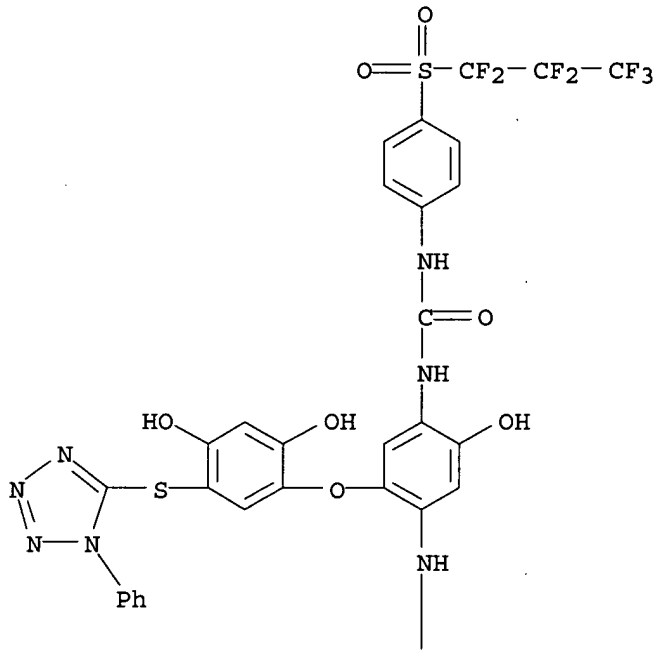
L5 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
AB A photog. film having improved sharpness and color reproducibility comprises ≥1 red-, ≥1 green-, and ≥1 blue-sensitive Ag halide emulsion layers wherein at least 1 each of the red- and green-sensitive layers contain a development inhibitor-releasing compound which reacts with an oxidized developer mol. and another oxidized developer mol.
AN 1987:506184 CAPLUS
DN 107:106184
TI Silver halide color photographic material
IN Ichijima, Yasushi; Obayashi, Keiji
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 40 pp.
CODEN: JKXXAF
DT Patent

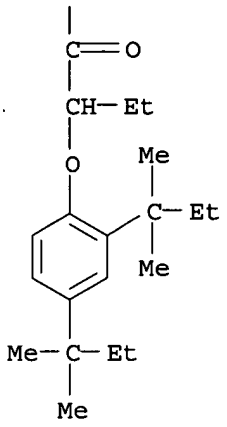
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
PI	JP 62024252	A2	19870202	JP 1985-163759		19850724	<--
	US 4985336	A	19910115	US 1989-294957		19890106	<--
				JP 1985-163759	A	19850724	
				US 1986-889146	B1	19860724	

IT **110022-79-2**
RL: USES (Uses)
(development inhibitor-releasing coupler, for color photog. film)
RN 110022-79-2 CAPLUS
CN Butanamide, 2-[2,4-bis(1,1-dimethylpropyl)phenoxy]-N-[2-[2,4-dihydroxy-5-[(1-phenyl-1H-tetrazol-5-yl)thio]phenoxy]-4-[[[[4-[(heptafluoropropyl)sulfonyl]phenyl]amino]carbonyl]amino]-5-hydroxyphenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A





L5 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
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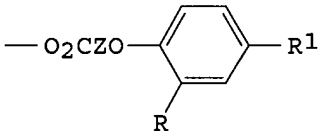
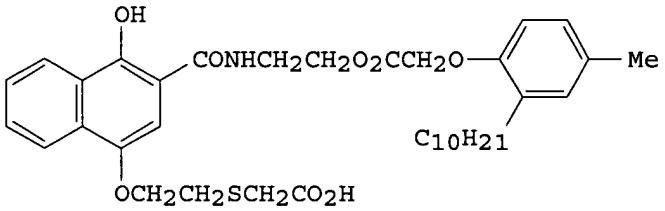
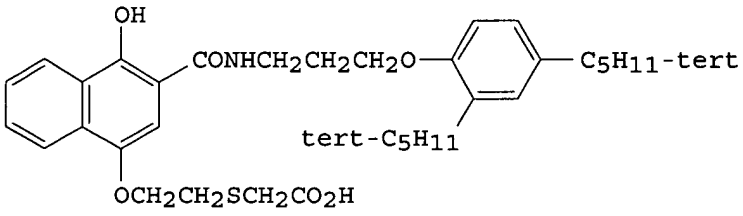


I



II



III

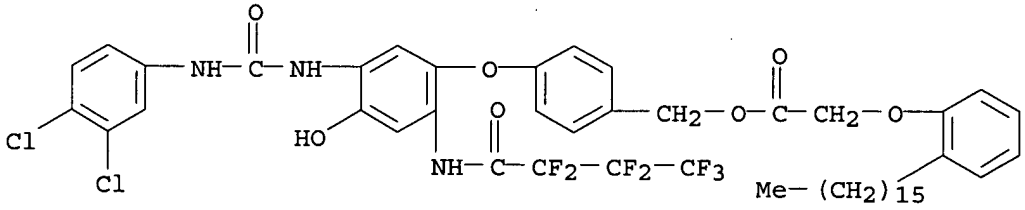
AB Ag halide color photog. photosensitive materials contain couplers with diffusion resistant groups of the formula I (R = C8-18 aliphatic moiety; R1 = H, Me, Cl; Z = C1-7 divalent aliphatic moiety). The couplers I exhibit excellent coloration (i.e. coupling reaction) characteristics. Thus, a color photog. film having a halation inhibitor layer, an interlayer, 3 red-sensitive emulsion layers, a 2nd interlayer, 3 green-sensitive emulsion layers, a yellow filter layer, 2 blue-sensitive emulsion layers, a ultrafine Ag halide emulsion layer, a 3rd blue-sensitive emulsion layer, a UV absorber layer and a protective layer was prepared by using II in the

3rd red-sensitive emulsion layer (i.e. highest sensitivity layer). The film was sensitometrically exposed and developed to give a relative sensitivity (determined from Dmax measured with a red filter) and a fog of 120 and 0.07, resp., vs. 100 and 0.08, resp., for a control with III instead of II.

AN 1986:119890 CAPLUS
DN 104:119890
TI Silver halide color photographic photosenitive materials
IN Ichijima, Yasushi
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 23 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60185951	A2	19850921	JP 1984-20540	19840207 <--
JP 04073771	B4	19921124		
			JP 1984-20540	19840207

IT **100780-62-9**
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)
RN 100780-62-9 CAPLUS
CN Acetic acid, (2-hexadecylphenoxy)-, [4-[5-[[[(3,4-dichlorophenyl)amino]carbonyl]amino]-2-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-4-hydroxyphenoxy]phenyl]methyl ester (9CI) (CA INDEX NAME)



IT **100780-58-3P**
RL: TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(preparation of, as photog. coupler)
RN 100780-58-3 CAPLUS
CN Acetic acid, (2-decyl-4-methylphenoxy)-, 2-[3-[5-[[[(4-cyanophenyl)amino]carbonyl]amino]-2-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-4-hydroxyphenoxy]phenoxy]ethyl ester (9CI) (CA INDEX NAME)

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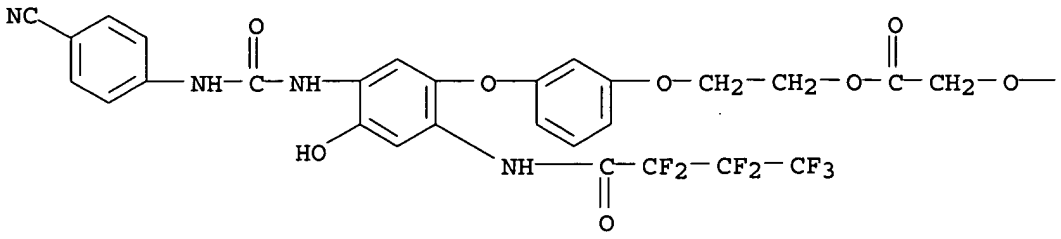
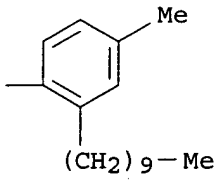
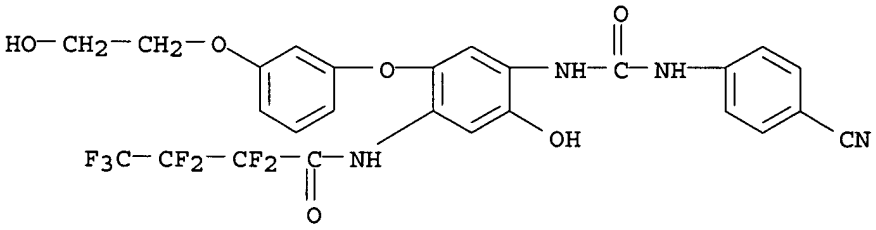


PAGE 1-B

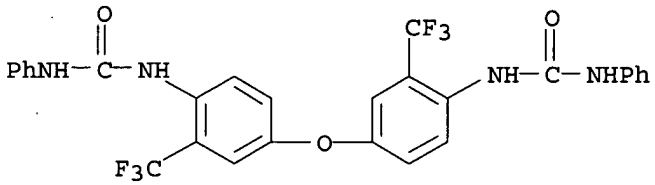


IT **100780-68-5**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with decylmethylphenoxyacetic acid, in photog. coupler synthesis)
RN 100780-68-5 CAPLUS
CN Butanamide, N-[4-[[[(4-cyanophenyl)amino]carbonyl]amino]-5-hydroxy-2-[3-(2-hydroxyethoxy)phenoxy]phenyl]-2,2,3,3,4,4,4-heptafluoro- (9CI) (CA INDEX NAME)

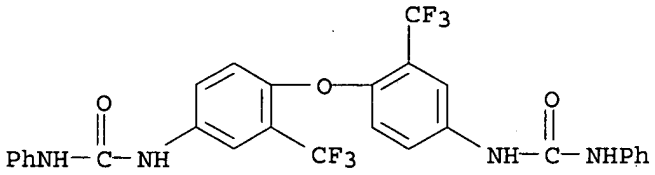


L5 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
AB Three bis(trifluoromethyl)dinitrobiphenyls were prepared by heating chloro- or iodo-nitrobenzotrifluorides with Cu in DMF. Three bis(trifluoromethyl)dinitrodiphenyl ethers were obtained by the reactions of chloronitrobenzotrifluorides with alkali metal carbonates in aprotic solvents. The dinitro compds. were reduced by Sn-HCl to give the diamino derivs. The diisocyanates 3,4-F3C(OCN)-C6H3C6H3(NCO)CF3-4,3,2,4-F3C(OCN)C6H3C6H3(NCO)CF3-4,2,3,4-F3C(OCN)C6H3OC6H3(NCO)CF3-4,3,2,4-F3C(OCN)C6H3-OC6H3(NCO)CF3-4,2, and 4,2-F3C(OCN)C6H3OC6H3(NCO)CF3-2,4 were obtained by the reactions of the amine derivs. with COCl2 in glyme.
AN 1972:461435 CAPLUS
DN 77:61435
TI Synthesis of diisocyanates of trifluoromethyl-substituted biphenyls and diphenyl ethers
AU Maki, Yasuo; Inukai, Kan

CS Gov. Ind. Res. Inst. Nagoya, Nagoya, Japan
SO Nippon Kagaku Kaishi (**1972**), (3), 675-7
CODEN: NKAKB8; ISSN: 0369-4577
DT Journal
LA Japanese
IT **38045-17-9P 38045-18-0P 38045-19-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 38045-17-9 CAPLUS
CN Urea, N,N''-[oxybis[2-(trifluoromethyl)-4,1-phenylene]]bis[N'-phenyl-
(9CI) (CA INDEX NAME)



RN 38045-18-0 CAPLUS
CN Urea, N,N''-[oxybis[3-(trifluoromethyl)-4,1-phenylene]]bis[N'-phenyl-
(9CI) (CA INDEX NAME)



RN 38045-19-1 CAPLUS
CN Urea, N,N''-[oxybis[5-(trifluoromethyl)-2,1-phenylene]]bis[N'-phenyl-
(9CI) (CA INDEX NAME)